

General Environmental Incident Summary

Incident: 1890 **Date/Time Notice:** 3/20/2013 1430 **DEM Incident No:**
Responsible Party: 5TH BOMB WING
Date Incident: 3/20/2013 **Time Incident:** 0208 **Duration:**
County: Ward **Twp:** 157 **Rng:** 83 **Sec:** 15 **Qtr:** NE SW NE
Lat: 48.42246 **Long:** -101.37540 **Method:** Derived from TRS
Location Description: WEST END OF TAXIWAY ECHO AT MINOT AIR FORCE BASE 13 MILES
NORTH OF MINOT, NORTH DAKOTA.

Submitted By: DANNY KLUCK **Affiliation:**
Address:
City: **State:** **Zip:**

Received By:

Contact Person: DANNY KLUCK
201 SUMMIT DRIVE
MINOT AFB
MINOT, ND 58705

Distance Nearest Occupied Building: 500 Feet

Type of Incident: Aircraft Ruptured Wing Fuel Tank

Description of Released Contaminant: JET FUEL JP-8

Volume Spilled: 500.00 gallons

Ag Related: No

EPA Extremely Hazardous Substance: No

Reported to NRC: Yes

Cause of Incident:

A B-52 BOMBER AIRCRAFT WAS TAXIING EAST ON TAXIWAY ECHO WHEN THE LEFT WING STRUCK A GOVERNMENT PANEL TRUCK THAT WAS PARKED ON THE TAXIWAY. THE OUTER MOST INTERNAL FUEL TANK OF THE LEFT WING RUPTURED SPILLING JP8 FUEL. BASE PERSONNEL THAT RESPONDED TO THE ACCIDENT AND FUEL SPILL WERE ABLE TO INITIALLY PLUG THE FUEL LEAK FROM THE WING. LATER, AS MAINTENANCE PERSONNEL WERE WORKING ON THE AIRCRAFT THE PLUG CAME LOOSE AND MORE JP8 FUEL SPILLED ONTO THE TAXIWAY. APPROXIMATELY 500 GALLONS OF JP8 FUEL WERE SPILLED ONTO THE PAVEMENT WHICH TRAVELED DOWN THE NORTH EDGE OF THE TAXIWAY FOR APPROXIMATELY 250 FEET. THE SPILL WAS APPROXIMATELY TEN FEET WIDE AND MOSTLY CONTAINED ON THE TAXIWAY BY A BERM OF SNOW ADJACENT TO THE TAXIWAY.

Risk Evaluation:

NO IMMEDIATE RISK

of Fatalities: 0 **# of Injuries:** 1 **Affected Medium:** 03 - soil

Potential Environmental Impacts:

FUEL CONTAMINATED SNOW AND SOIL ADJACENT TO TAXIWAY.

Action Taken or Planned:

BASE PERSONNEL USED ABSORBENT BLANKETS AND PILLOWS TO INITIALLY CONTAIN THE SPILL. A LOCAL SPILL CONTROL AND HAZARDOUS MATERIALS CONTRACTOR WAS MOBILIZED TO FINISH THE CLEANUP TO INCLUDE REMOVAL OF CONTAMINATED SNOW AND SOIL.

Wastes Disposal Location: CLEAN HARBORS ENVIRONMENTAL SERVICES.

Agencies Involved: NDDDES

Updates

Date: 3/28/2013 **Status:** Reviewed - Assigned to NDDoH Division

Author: Roberts, Kris

Updated Volume:

Notes:

Someone should follow-up with Base Environmental to determine status of the cleanup. 3/28/13: follow-up phone call to Dan Kluck. He stated that soon after the spill, the Base Hazardous Waste contractor, Strata, came and cleaned up the spill and peripheral areas. Snow surrounding the runway where the spill ran (~ 250'), had been contaminated; however, a layer of ice underlying the snow was not penetrated by the spilled fuel, and acted as a barrier preventing any underlying soil contamination. Strata removed the snow and ice (~ 20 tons), and hauled the contaminated materials to Clean Harbors (SDS) industrial landfill for disposal. The incident appears closed at this point.